Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2016, South Dakota

Year	Coal	Natural Gas [a]	Petroleum				Nuclear Electric Power	Hydroelectric Power [d]	Biomass	Geothermal [f]	Solar [f,g]	Wind [f]	Net Electricity Imports [h]	Total [f,i]
			Distillate Fuel Oil [b]	Petroleum Coke	Residual Fuel Oil [c]	Total			Wood and Waste [e,f]					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours			Million Kilowatthours				
1960	246	4	7	0	40	47	0	1,136	– –	0	NA	NA	0	– –
1965	237	3	8	0	47	55	0	3,835	– –	0	NA	NA	0	– –
1970	301	4	48	0	270	318	0	6,544	– –	0	NA	NA	0	– –
1975	1,804	3	67	0	145	212	0	7,890	– –	0	NA	NA	0	– –
1980	2,683	(s)	58	0	9	67	0	5,786	– –	0	NA	NA	0	– –
1985	2,407	(s)	39	0	1	40	0	5,301	– –	0	0	0	0	– –
1990	2,345	(s)	32	0	0	32	0	3,934	– –	0	0	0	0	– –
1995	2,137	1	48	0	0	48	0	6,010	– –	0	0	0	0	– –
1996	1,453	1	33	0	0	33	0	7,978	– –	0	0	0	0	– –
1997	2,005	2	23	0	0	23	0	9,012	– –	0	0	0	78	– –
1998	1,866	3	68	0	0	68	0	5,758	– –	0	0	0	-30	– –
1999	2,159	3	59	0	0	59	0	6,677	– –	0	0	0	227	– –
2000	2,211	4	136	0	0	136	0	5,716	– –	0	0	0	13	– –
2001	2,212	4	107	0	0	107	0	3,432	– –	0	0	1	(s)	– –
2002	2,051	1	18	0	0	18	0	4,354	– –	0	0	6	(s)	– –
2003	2,174	2	43	0	0	43	0	4,276	– –	0	0	44	0	– –
2004	2,328	2	56	0	0	56	0	3,598	– –	0	0	158	-1	– –
2005	1,880	4	52	0	0	52	0	3,075	– –	0	0	158	(s)	– –
2006	2,064	3	19	0	0	19	0	3,397	– –	0	0	149	0	– –
2007	1,691	4	140	0	0	140	0	2,917	– –	0	0	150	(s)	– –
2008	2,359	3	50	0	0	50	0	2,993	– –	0	0	145	0	– –
2009	2,107	1	24	0	0	24	0	4,432	– –	0	0	421	(s)	– –
2010	2,164	2	18	0	0	18	0	5,239	– –	0	0	1,372	0	– –
2011	1,768	2	21	0	0	21	0	6,608	– –	0	0	2,668	(s)	– –
2012	1,950	2	18	0	0	18	0	5,981	– –	0	0	2,354	0	– –
2013	1,847	4	21	0	0	21	0	4,063	– –	0	0	2,688	0	– –
2014	1,780	4	23	0	0	23	0	5,498	– –	0	0	2,336	0	– –
2015	990	6	38	0	0	38	0	4,850	– –	0	0	2,498	0	– –
2016	1,403	7	11	0	0	11	0	4,806	– –	0	(s)	3,714	0	– –
							Trillion Btu							
1960	4.2	4.6	(s)	0.0	0.3	0.3	0.0	12.2	0.0	0.0	NA	NA	0.0	21.4
1965	4.2	3.3	(s)	0.0	0.3	0.3	0.0	40.1	0.0	0.0	NA	NA	0.0	48.0
1970	5.0	4.4	0.3	0.0	1.7	2.0	0.0	68.7	0.0	0.0	NA	NA	0.0	80.0
1975	22.8	3.2	0.4	0.0	0.9	1.3	0.0	82.1	0.0	0.0	NA	NA	0.0	109.4
1980	33.8	0.3	0.3	0.0	0.1	0.4	0.0	60.1	0.0	0.0	NA	NA	0.0	94.6
1985	29.4	(s)	0.2	0.0	(s)	0.2	0.0	55.4	0.0	0.0	0.0	0.0	0.0	85.0
1990	31.0	0.2	0.2	0.0	0.0	0.2	0.0	40.9	0.0	0.0	0.0	0.0	0.0	72.3
1995	30.5	0.9	0.3	0.0	0.0	0.3	0.0	62.0	0.0	0.0	0.0	0.0	0.0	93.7
1996	26.6	0.7	0.2	0.0	0.0	0.2	0.0	82.5	0.0	0.0	0.0	0.0	0.0	110.0
1997	35.3	1.8	0.1	0.0	0.0	0.1	0.0	92.0	0.0	0.0	0.0	0.0	0.3	129.5
1998	33.1	2.9	0.4	0.0	0.0	0.4	0.0	58.7	0.0	0.0	0.0	0.0	-0.1	95.1
1999	37.7	2.6	0.3	0.0	0.0	0.3	0.0	68.3	0.0	0.0	0.0	0.0	0.8	109.7
2000	38.0	3.7	0.8	0.0	0.0	0.8	0.0	58.3	0.0	0.0	0.0	0.0	(s)	100.8
2001	37.8	4.6	0.6	0.0	0.0	0.6	0.0	35.5	0.0	0.0	0.0	(s)	(s)	78.5
2002	34.8	1.2	0.1	0.0	0.0	0.1	0.0	44.3	0.0	0.0	0.0	0.1	(s)	80.5
2003	36.8	2.2	0.3	0.0	0.0	0.3	0.0	43.3	0.0	0.0	0.0	0.4	0.0	83.0
2004	39.5	1.6	0.3	0.0	0.0	0.3	0.0	36.0	0.0	0.0	0.0	1.6	(s)	79.1
2005	32.3	3.6	0.3	0.0	0.0	0.3	0.0	30.7	0.0	0.0	0.0	1.6	(s)	68.6
2006	35.0	3.4	0.1	0.0	0.0	0.1	0.0	33.7	0.0	0.0	0.0	1.5	0.0	73.6
2007	28.6	4.3	0.8	0.0	0.0	0.8	0.0	28.8	0.0	0.0	0.0	1.5	(s)	64.0
2008	39.6	2.6	0.3	0.0	0.0	0.3	0.0	29.5	(s)	0.0	0.0	1.4	0.0	73.5
2009	35.2	0.9	0.1	0.0	0.0	0.1	0.0	43.3	0.1	0.0	0.0	4.1	(s)	83.7
2010	36.2	1.6	0.1	0.0	0.0	0.1	0.0	51.1	0.0	0.0	0.0	13.4	0.0	102.4
2011	29.0	1.6	0.1	0.0	0.0	0.1	0.0	64.2	0.0	0.0	0.0	25.9	(s)	120.8
2012	32.2	2.5	0.1	0.0	0.0	0.1	0.0	56.9	0.0	0.0	0.0	22.4	0.0	114.1
2013	30.8	4.2	0.1	0.0	0.0	0.1	0.0	38.8	0.0	0.0	0.0	25.6	0.0	99.6
2014	29.5	4.0	0.1	0.0	0.0	0.1	0.0	52.3	0.0	0.0	0.0	22.2	0.0	108.2
2015	16.3	6.5	0.2	0.0	0.0	0.2	0.0	45.2	0.0	0.0	0.0	23.3	0.0	91.4
2016	23.2	7.9	0.1	0.0	0.0	0.1	0.0	44.4	0.0	0.0	(s)	34.3	0.0	109.8

[a] Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
[b] Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.
[c] Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.
[d] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
[e] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[f] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
[g] Solar thermal and photovoltaic energy.
[h] Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.
[i] Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

– – = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. • Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.